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(54) Title: ISOLATION OF BIOMOLECULES

(57) Abstract: A method of obtaining a sample of a biomolecule (e.g. a nucleic acid) from a suspension comprising a solution containing the biomolecule and insoluble material. The method comprises the steps of: (a) providing a biomolecule purification assembly (215) comprised of a vessel (216) having a liquid inlet and of a filter unit (217) removably located on the liquid inlet; (b) effecting a filtration of the suspension through the filter unit (217) so as to cause the solution to enter the vessel through the liquid inlet; (c) removing the filter unit from the liquid inlet; (d) immobilising the biomolecule on a solid phase support (219); and (e) subjecting the biomolecule to at least one of the steps of washing on the support and elution from the support (219) to obtain a purified sample of the biomolecule.